

### REMARKS

Reconsideration is requested for Claims 1-6, and 9-11. Claims 7-8 and 10 have been canceled without prejudice or disclaimer.

Claims 1- 11 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,669,970 to *Balog et al.* Claim 1, from which Claims 2-5 depend, defines a screen-printing plate and has been amended to clarify that the plate includes a screen plate provided with two or more printing patterns disposed in a single plate frame of the screen plate, each of the two or more printing patterns being formed with a plurality of mesh holes, wherein at least two of the at least two or more printing patterns have different aperture ratios of the mesh holes.

*Balog et al.* discloses a stencil 14 but does not disclose a screen plate provided with one or more printing patterns disposed in a single plate frame of the screen plate. There is no frame associated with the stencil 14 disclosed in *Balog et al.*

The claims dependent from claim 1 are also not anticipated by *Balog et al.* for reasons in addition to the reasons discussed above with regard to claim 1. For example, claim 3 depends from claim 1 through claim 2 and recites that mesh holes having a first aperture ratio are disposed in a first region of the screen plate and mesh holes having a second aperture ratio are disposed in a second region of the screen plate, and the first region of the screen plate is at a periphery of the plate frame, and the second region of the screen plate is at a portion of the screen plate closer to a center of the screen plate than the first region. *Balog et al.* does not disclose or suggest a combination of features including

an arrangement of mesh holes with respect to a periphery of a plate frame as recited in claim 3.

Claim 4 depends from claim 3 and recites that the first aperture ratio is higher than the second aperture ratio. *Balog et al.* does not disclose or suggest a plate having the claimed relationship between a first and second aperture ratio.

Claim 5 depends from claim 1 and recites that a first group of mesh holes is closer to a periphery of the plate frame than a second group of mesh holes and has a first aperture ratio that is higher than an aperture ratio for the second group of mesh holes. *Balog et al.* does not disclose or suggest a combination of features including a plate frame, and does not disclose or suggest the claimed relationship between the aperture ratios of a first and a second group of mesh holes.

In view of the differences between Claims 1-5 and *Balog et al.* is respectfully submitted that Claims 1-5, are not anticipated by and define patentably over *Balog et al.*

Claim 6, as amended to incorporate subject matter of claims 7-8, and from which Claims 9-11 depend, defines a method for manufacturing an electronic device and has been amended to clarify that the method includes the steps of forming two or more printed patterns on a ceramic green sheet by pressing electrode paste through a plurality of mesh holes in two or more printing patterns in a screen-printing plate, wherein at least two of the two or more printing patterns include mesh holes providing the two or more printing patterns with different aperture ratios. Electrode paste is pressed through a first group of mesh holes in a first region of the screen-printing plate having a first aperture ratio and a second group of mesh holes in a second region of the screen-printing plate having a second

aperture ratio, and the first region is proximate a peripheral frame of the screen-printing plate and the second region is proximate a center of the screen-printing plate.

*Balog et al.* does not disclose a frame on the stencil 14 and, thus, does not disclose the combination of claim 6 wherein electrode paste is pressed through a first group of mesh holes in a first region of the screen-printing plate having a first aperture ratio and a second group of mesh holes in a second region of the screen-printing plate having a second aperture ratio, and the first region is proximate a peripheral frame of the screen-printing plate and the second region is proximate a center of the screen-printing plate.

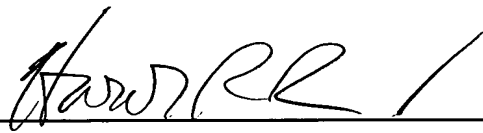
In view of the differences between Claim 6 and *Balog et al.*, it is respectfully submitted that Claim 6 and the claims dependent therefrom, Claims 7-9 and 11, are not anticipated by *Balog et al.*

It is respectfully submitted that all of the pending claims define patentably over the cited references. Allowance of the present application is cordially urged.

If the Examiner should be of the opinion that a telephone conference would be helpful in resolving any outstanding issues, the Examiner is urged to contact the undersigned.

Respectfully submitted,

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**APPENDIX**

Amend the claims to read as follows:

4. (Amended) The screen-printing plate according to claim [4] 1, wherein the first aperture ratio is higher than the second aperture ratio.

6. (Twice Amended) A method for manufacturing an electronic device, comprising the steps of:

forming two or more printed patterns on a ceramic green sheet by pressing electrode paste through a plurality of mesh holes in two or more printing patterns in a screen-printing plate, wherein at least two of the two or more printing patterns include mesh holes providing the two or more printing patterns with different aperture ratios , and wherein electrode paste is pressed through a first group of mesh holes in a first region of the screen-printing plate having a first aperture ratio and a second group of mesh holes in a second region of the screen-printing plate having a second aperture ratio, and the first region is proximate a peripheral frame of the screen-printing plate and the second region is proximate a center of the screen-printing plate, and wherein the first region is proximate a peripheral frame of the screen-printing plate and the second region is proximate a center of the screen-printing plate.

9. The method as set forth in claim [8] 6, wherein the first aperture ratio is higher than the second aperture ratio.